



Form PTO-1449 (modified)

List of Patents and Publications of Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.

UTSD:566US/SLH

Serial No.

09/780,575

Applicant

Thomas J. Kodadek

Filing Date:

February 9, 2001

Group:

~~1637~~ 1639

U.S. Patent Documents

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Foreign Patent Documents

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Borman, "Combinatorial chemistry", <i>Chem. & Eng. News</i> , 75:43-62, 1997.
	C2	Burger and Still, "Simple structural requirements for sequence-selective peptide receptors? Tripeptide binding by a podand ionophore", <i>J. Org. Chem.</i> , 62:4785-4790, 1997.
	C3	Burton, "Phage display", <i>Immunotechnology</i> , 1:87-94, 1995.
	C4	Cairns et al., "A novel bacterial vector system for monitoring protein-protein interactions in the cAMP-dependent protein kinase complex", <i>Gene</i> , 185:5-9, 1997.
	C5	Chen et al., "Fluorescent, sequence-selective peptide detection by synthetic small molecules", <i>Science</i> , 279:851-853, 1998.
	C6	Cheng et al., "Sequence-selective peptide binding with peptido-A,B-trans-steroidal receptor selected from an encoded combinatorial receptor library". <i>J. Amer. Chem. Soc.</i> , 118:1813-1814, 1996.
	C7	Dinarelli, "Interleukin- β , interleukin-18 and the interleukin-1 β converting enzyme", <i>Ann. N.Y. Acad. Sci.</i> , 856:1-11, 1998.
	C8	Dong et al., "Molecular forceps from combinatorial libraries prevent the farnesylation of Ras by binding to its carboxyl terminus", <i>Chem. & Biol.</i> , 6:133-141, 1999.
	C9	Dove et al., "Conversion of the ω subunit of Escherichia coli RNA polymerase into a transcriptional activator or activation target," <i>Gene and Development</i> , 12:745-754, 1998.

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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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Exam. Init.	Ref. Des.	Citation
	C10	Fairbrother et al., "Novel peptides selected to bind vascular endothelial growth factor target the receptor-binding site", <i>Biochemistry</i> , 37:17754-17764, 1998.
	C11	Fancy and Kodadek, "Chemistry for the analysis of protein-protein interactions: Rapid and efficient cross-linking triggered by long wavelength light," <i>Proc. Natl. Acad. Sci. USA</i> , 96:6020-6024, 1999.
	C12	Fields and Song, "A novel genetic system to detect protein-protein interactions," <i>Nature</i> , 340:245-246, 1989.
	C13	Fodor, "Light-directed, spatially addressable parallel chemical synthesis," <i>Science</i> , 251:767-773, 1991.
	C14	Griffiths and Duncan, "Strategies for selection of antibodies by phage display," <i>Curr. Opin. Biotechnol.</i> , 9:102-108, 1998.
	C15	Hajduk et al., "Discovery of potent nonpeptide inhibitors of stromelysin using SAR by NMR," <i>J. Amer. Chem. Soc.</i> , 119:5818-5827, 1997.
	C16	Han and Kodadek, "Peptides selected to bind the Gal80 repressor are potent transcriptional activation domains in yeast," <i>J. Biol. Chem.</i> , 275:14979-14984, 2000.
	C17	Harland and Weintraub, "Translation of mRNA injected into <i>Xenopus</i> oocytes is specifically inhibited by antisense RNA," <i>J. Cell Biol.</i> , 101:1094-1099, 1985.
	C18	He et al., "Transformation of wheat (<i>Triticum aestivum</i> L.) through electroporation of protoplasts," <i>Plant Cell Reports</i> , 14:192-196, 1994.
	C19	Hossain and Schneider, "Sequence-selective evaluation of peptide side-chain interaction. New artificial receptors for selective recognition in water," <i>J. Amer. Chem. Soc.</i> , 120:11208-11209, 1998.
	C20	Hu et al., "Sequence requirements for coiled-coils: Analysis with λ Repressor-GCN4 leucine zipper fusions," <i>Science</i> , 250:1400-1403, 1990.
	C21	Hu, "Repressor fusions as a tool to study protein-protein interactions," <i>Structure</i> , 3:431-433, 1995.
	C22	Jappelli and Brenner, "Interaction between cAMP-dependent protein kinase catalytic subunit and peptide inhibitors analyzed with λ Repressor fusions," <i>J. Mol. Biol.</i> , 259:575-578, 1996.

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<i>ML</i>	C23	Kim et al., "Photo-induced protein cross-linking mediated by palladium porphyrins," <i>J. Amer. Chem. Soc.</i> , 121:11896-11897, 1999.
<i>ML</i>	C24	Kodadek, "Protein microarrays: prospects and problems," <i>Chem. & Biol.</i> , 64:1-11, 2001.
<i>ML</i>	C25	Maly et al., "Combinatorial target-guided ligand assembly: identification of potent subtype-selective c-Src inhibitors," <i>Proc. Natl. Acad. Sci. USA</i> , 97:2419-2424, 2000.
<i>ML</i>	C26	Mikolajczyk et al., "High yield, site-specific coupling of N-terminally modified β -lactamase to a proteolytically-derived single-sulfhydryl murine fab," <i>Bioconj. Chem.</i> , 5:636-646, 1994.
<i>ML</i>	C27	O'Brian-Simpson, "Polymerization of unprotected synthetic peptides: A view towards synthetic peptide vaccines," <i>J. Amer. Chem. Soc.</i> , 119:1183-1188, 1997.
<i>ML</i>	C28	Park and Raines, "Genetic selection for dissociative inhibitors of designated protein-protein interactions," <i>Nature Biotechnol.</i> , 18:847-851, 2000.
<i>ML</i>	C29	Rader and Barbas, "Phage display of combinatorial antibody libraries," <i>Curr. Opin. Biotechnol.</i> , 8:503-508, 1997.
<i>ML</i>	C30	Rose, "Natural peptides as building blocks for the synthesis of large protein-like molecules with hydrazone and oxime linkages," <i>Bioconj. Chem.</i> , 7:552-556, 1996.
<i>ML</i>	C31	Sasaki et al., "A new application of a peptide library to identify selective interaction between small peptides in an attempt to develop recognition molecules toward protein surfaces," <i>Tetrahedron Letters</i> , 37:85-88, 1996.
<i>ML</i>	C32	Schneider et al., "Scaffold-hopping: by topological pharmacophore search: a contribution to virtual screening," <i>Angew Chem Int Ed Engl.</i> , 38:2894-2896, 1999.
<i>ML</i>	C33	Shao et al., "Sequence-selective receptors of peptides. A simple molecular design for construction of large combinatorial libraries of receptors," <i>J. Org. Chem.</i> , 61:6086-6087, 1996.
<i>ML</i>	C34	Shuker et al., "Discovering high-affinity ligands for proteins: SAR by NMR," <i>Science</i> , 274:531-1534, 1996.
<i>ML</i>	C35	Still, "Discovery of sequence-selective peptide binding by synthetic receptors using encoded combinatorial libraries," <i>Acc. Chem. Res.</i> , 29:155-163, 1996.
<i>ML</i>	C36	Xie et al., "Biochemical characterization of the TATA-binding Gal4 activation domain complex," <i>JBC</i> , 275:31914-31920, 2000.

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<i>MS</i>	C37	Yang et al., "Protein-peptide interactions analyzed with the yeast two-hybrid system," <i>Nucl. Acids Res.</i> , 23:1152-1156, 1995.
<i>MS</i>	C38	Zhang et al., "An inhibitor of sequence specific proteolysis that targets the substrate rather than the enzyme," <i>Chem. Biol.</i> , 8:391-397, 2001.
<i>MS</i>	C39	Zhang et al., "Genetic selection of short peptides that support protein oligomerization in vivo." <i>Current Biol.</i> , 9:417-420, 1999.
<i>MS</i>	C40	Zhang, "Selection and practical applications of peptide-binding peptides," <i>Nature Biotechnol.</i> , 18:71-74, 2000.
<i>MS</i>	C41	Zhu, "A Cdc6 protein-binding peptide selected using a bacterial two-hybrid-like system is a cell cycle inhibitor," <i>J. Biol. Chem.</i> , 275:32098-32105, 2000.

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